

SPECIAL SPECIFICATION

SECTION 15053S

WORK IN EXISTING BUILDING

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Relocate, remove, or abandon mechanical equipment and systems required in conjunction with the work in the existing building.
- B. Provide temporary provisions for all existing and/or new HVAC piping and air handling unit systems to maintain conditioned occupancy in adjacent areas. Temporary provisions include, but are not limited to, supply/exhaust duct, HVAC piping, valves and miscellaneous materials as required to support mechanical systems prior to the completion of new mechanical systems operation.
- C. Provide temporary provisions for all existing and/or new plumbing/ fire protection piping and systems to maintain toilet facilities, miscellaneous coffee sinks, kitchen facilities and fire hose protection in adjacent areas.
- D. Coordinate disposition of all removed equipment with the Owner.

1.02 DEFINITIONS

- A. Abandoned: Refers to mechanical equipment and systems which are no longer in use and are to be de-energized and left in place.
- B. Removal: Refers to mechanical equipment and systems which are not to be reused and are to be removed from the job site and disposed of as directed by the Owner.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Provide materials to match existing construction unless specified elsewhere in these contract documents. Provide materials which comply to local codes, SMACNA, ARI, AMCA and UL, and properly apply to their intended function.

Work in Existing Building

PART 3 - EXECUTION

3.01 PREPARATION

- A. Visit and inspect job site prior to bidding; become familiar with existing conditions. Include cost of work required to accommodate existing conditions in bid proposal.
- B. Provide typed inventory (include pictures as necessary) of equipment and facilities which are damaged or not operating properly at the time construction commences. Damage or inoperative equipment which is discovered during course of construction and not itemized on written inventory will be assumed to have been caused by the Contractor, and the Contractor will be responsible for repair or replacement at no additional cost.

3.02 RENOVATION

- A. Relocate existing material required to accommodate the new construction whether or not the existing material is shown on Drawings.
- B. Removal of equipment or systems identified on Drawings to be removed, including supports, appurtenances, and accessories associated with equipment or systems.
- C. Connect equipment which is existing and is to remain to new system as required to maintain its proper operation.
- D. Verify that abandoned ductwork, piping and equipment serve only abandoned facilities.
- E. Remove with care equipment to be relocated. Repair or replace damaged equipment as required.
- F. Diffusers, Grilles and Registers: Remove existing devices for cleaning. Use mild detergent to clean all exterior and interior surfaces; rinse with clean water and dry before reinstallation.

3.03 SHUTDOWNS OF MECHANICAL SERVICES

- A. Establish schedule of shutdowns complete with starting time and duration.
- B. Present schedule to Owner for approval.
- C. Revise schedule as necessary to coordinate with Owner.

- D. Beyond any scheduled shutdowns, maintain continuity of HVAC and plumbing services to all existing facilities.

END OF SECTION